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FY 2005 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET
Exhibit R-2

DATE: Feb 2004

BA: 06 PROGRAM ELEMENT: 0605804N
 PROGRAM ELEMENT TITLE: Technical Information Services

COST: (Dollars in Thousands)

Project Number & Title	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate
Total PE	18,116	27,270	696	714	682	700	718
0835 TECH INFO SVCS							
802		718	696	714	682	700	718
2296 Federal Lab Consortium							
324		0	0	0	0	0	0
2969 Supply Chain Management							
0		1,483	0	0	0	0	0
2970 Commercialization of Adv Tech Prog							
6,680		8,406	0	0	0	0	0
9093 LEAN PATHWAYS PROJ EXPANSION & DISTANCE LEARNING							
3,641		2,521	0	0	0	0	0
9261 Navy Advanced Education Demo							
951		0	0	0	0	0	0
9262 Joint Info Technology Center							
5,718		6,923	0	0	0	0	0
9412 HTDV / RCUH Engineering Design Center							
0		7,219	0	0	0	0	0

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The Technical Information Services program provides support to achieve affordability in the development of Navy systems and reduce life-cycle costs through the facilitation of advanced technology associations between U.S. industry and the Navy. Warfighting effectiveness is enhanced through strategic relationships with industry to commercialize the science and technology developed by the Naval Research Enterprise and to gain access to concepts, technologies and business practices of the civil sector.

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PROGRAM CHANGE SUMMARY:

	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>
FY 2004-2005 President's Budget Submission	18,320	726	799
Cong. Rescissions/Adjustments/Undist.Reductions	0	-306	0
Congressional Actions	0	26,850	0
Miscellaneous Adjustments	-204	0	-103
FY 2005 President's Budget Submission	18,116	27,270	696

PROGRAM CHANGE SUMMARY EXPLANATION:

Technical: Not applicable.
Schedule: Not applicable.

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BA: 06 PROGRAM ELEMENT: 0605804N PROGRAM ELEMENT TITLE: Technical Information Services
PROJECT NUMBER: 0835 PROJECT TITLE: TECH INFO SVCS

COST: (Dollars in Thousands)

Project Number & Title	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate
0835 TECH INFO SVCS	802	718	696	714	682	700	718

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The goals for this project to enhance warfighter effectiveness are met through the Navy leverage of the industry independent research and development (R&D) science and technology base, information exchange on Navy research and development requirements and advanced acquisition information through the Navy Acquisition Research and Development Information Center (NARDIC) and the Navy Potential Contractor Program (NPCP), strategic partnerships with industry to transition private sector technology, and the transfer of appropriate Navy-developed innovative concepts and inventions to the private sector for purposes of commercialization (Public Law 96-480, Federal Technology Transfer Act of 1986).

This project also provides the Department of the Navy (DON) interface to the Office of the Deputy Under Secretary of Defense for Science and Technology, Office of Technology Transition and to the Assistant Secretary of Commerce for Technology Policy for matters relating to policy and reporting requirements for technology transfer.

B. ACCOMPLISHMENTS/PLANNED PROGRAM:

	FY 2003	FY 2004	FY 2005
Leverage of Industry R&D	382	513	467

Leverage of Industry R&D supports studies, workshops, conferences, and other activities that facilitate advanced technology associations between U.S. industry and the Navy.

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PROJECT NUMBER: 0835 PROJECT TITLE: TECH INFO SVCS

FY 2003 Accomplishments:

- Held workshop to determine potential interest in a commercial night vision system and pursued technology evaluations in promising areas.
- Identified an early insertion of commercial wide band gap materials into a naval program (Link 16 aircraft communications system) by working with a material manufacturer, a defense prime, and a Navy program office.
- Conducted a pilot project with commercial organizations and one naval laboratory to assess merits of applying commercial practices to improve the rate of technology transfer, increase revenues, and address fleet problems.
- Initiated naval/industry collaboration for industrialized "Cymbal" technology to support improved mine identification.

FY 2004 Plans:

- Explore and pursue opportunities to leverage commercial wide band gap technologies for applications in naval low frequency communications.
- Continue naval/industry collaboration for industrialized "Cymbal" technology to support improved mine identification.

FY 2005 Plans:

- Conduct studies, workshops, conferences, and other activities that facilitate advanced technology associations between U.S. industry and the Navy.
- Continue naval/industry collaboration for industrialized "Cymbal" technology to support improved mine identification.

	FY 2003	FY 2004	FY 2005
Technical Information Services	180	112	120

Technical Information Services supports information exchange on Navy research and development requirements and advanced acquisition information and information technology tools necessary to provide management and oversight of the DON technology transfer program.

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FY 2003 Accomplishments:

- Supported the Navy Acquisition Research and Development Information Center (NARDIC) as the primary outreach resource to the private sector, including development and maintenance of electronic bulletin boards residing on the World Wide Web.
- Assisted small companies to participate in the Naval Potential Contractor Program.
- Completed development of an on-line job performance support tool for DON technology transfer professionals.
- Completed development of an on-line training program for DON technology transfer professionals.
- Supported and maintained the networked tracking of technology transfer efforts required for Congressional reporting.

FY 2004 Plans:

- Continue FY03 efforts and maintain on-line tools developed in FY03.

FY 2005 Plans:

- Continue FY04 efforts and maintain on-line tools developed in FY03.

	FY 2003	FY 2004	FY 2005
Commercialization of Navy-Developed Technologies	240	93	109

Commercialization of Navy-developed technologies supports the transfer of appropriate Navy-developed innovative concepts and inventions to the private sector for purposes of military and dual-use commercialization (Public Law 96-480, Federal Technology Transfer Act of 1986).

FY 2003 Accomplishments:

- Supported commercialization of a Navy-developed, automated scheduling tool developed to optimize maintenance and deployment schedules for the submarine community.
- Supported commercialization of Navy-developed micro-optics switch and shock sensor.

FY 2004 Plans:

- Conduct pilot program to assess commercial practices in technology innovation.

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FY 2005 Plans:

- Conduct tests, develop models, and perform market evaluations supporting commercialization of Navy-developed technologies for military and dual-use applications.

C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.

D. ACQUISITION STRATEGY: Not applicable.

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BA: 06 PROGRAM ELEMENT: 0605804N PROGRAM ELEMENT TITLE: Technical Information Services
PROJECT NUMBER: 2296 PROJECT TITLE: Federal Lab Consortium

Project Number & Title	FY 2003 Actual	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate
2296 Federal Lab Consortium	324	0	0	0	0	0	0

A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Federal Laboratory Consortium operates in accordance with P.L. 104-113, the National Technology Transfer and Advancement Act of 1995.

B. ACCOMPLISHMENTS/PLANNED PROGRAM:

	FY 2003	FY 2004	FY 2005
Federal Lab Consortium	324	0	0

The Federal Laboratory Consortium for Technology Transfer (FLC) was established by Congress under the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended). The FLC, in cooperation with Federal laboratories and the private sector, provides services to enhance the transfer of federally-developed technology to include activities such as: Developing and administering technology transfer training courses and materials, assisting Federal agencies and laboratories in their technology transfer programs, and providing a clearinghouse for technology transfer requests.

FY 2003 Accomplishments:

- Funded the Federal Laboratory Consortium for Technology Transfer in compliance with the Federal Technology Transfer Act of 1986 (P.L. 99-502, 20 October 1986, as amended).

C. OTHER PROGRAM FUNDING SUMMARY: Not applicable.

D. ACQUISITION STRATEGY: Not applicable.

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BA: 06 PROGRAM ELEMENT: 0605804N PROGRAM ELEMENT TITLE: Technical Information Services
PROJECT NUMBER: Various PROJECT TITLE: Congressional Plus-Ups

CONGRESSIONAL PLUS-UPS:

2969	FY 2003	FY 2004
SUPPLY CHAIN MANAGEMENT	0	1,483

Improves the affordability of Navy Acquisition programs by increasing the efficiency of the supply chain networks through the Navy's Supply Chain Practices for Affordable Navy Systems (SPANS) project.

2970	FY 2003	FY 2004
COMMERCIALIZATION OF ADV TECH PROG	6,680	8,406

Supports an innovative, cost-effective, capability to identify, develop and commercialize cutting edge technologies from any source - academia, private industry and government facilities - which address naval requirements.

9093	FY 2003	FY 2004
LEAN PATHWAYS PROJ EXPANSION & DISTANCE LEARNING	3,641	2,521

Improves the capability of the Navy's sub-tier suppliers by introducing them to Lean Manufacturing practices.

9261	FY 2003	FY 2004
NAVY ADVANCED EDUCATION DEMONSTRATION	951	0

Supports a joint service demonstration project to develop curriculum materials, test specific course offerings and evaluate distributed education in the delivery of relevant postgraduate degrees for the Department of Defense and the U.S. Navy.

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9262	FY 2003	FY 2004
JOINT INFORMATION TECHNOLOGY CENTER	5,718	6,923

Enables DoD, through the Joint Information Technology Center (JITC) in Hawaii, to continue integrating and implementing logistics and personnel initiatives underway, including medical surveillance, logistics systems, business objects and decision support systems.

9412	FY 2003	FY 2004
HTDV	0	6,724

Supports the development of a regional center for the commercialization of defense and homeland security technologies, and provide an opportunity for small companies in Hawaii to develop advanced technologies for national defense.

9412	FY 2003	FY 2004
RCUH ENGINEERING DESIGN CENTER	0	495

Establishes a partnership between the Research Corporation of the University of Hawaii (RCUH) and the Navy to establish a center that would support the federal government in the development of technologies in areas such as aircraft systems, sensors, radars, and optics, environmental engineering and ordnance studies and communications and information systems.